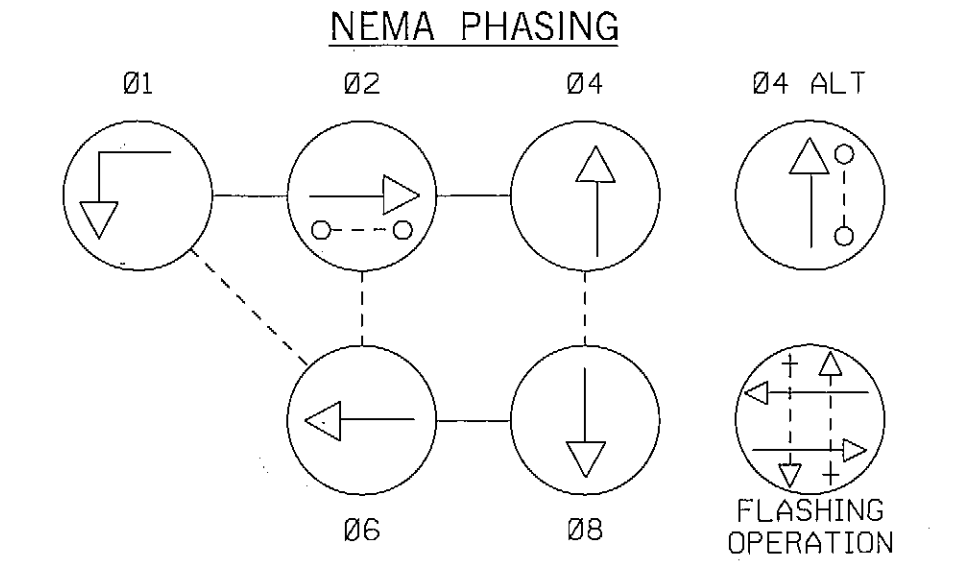
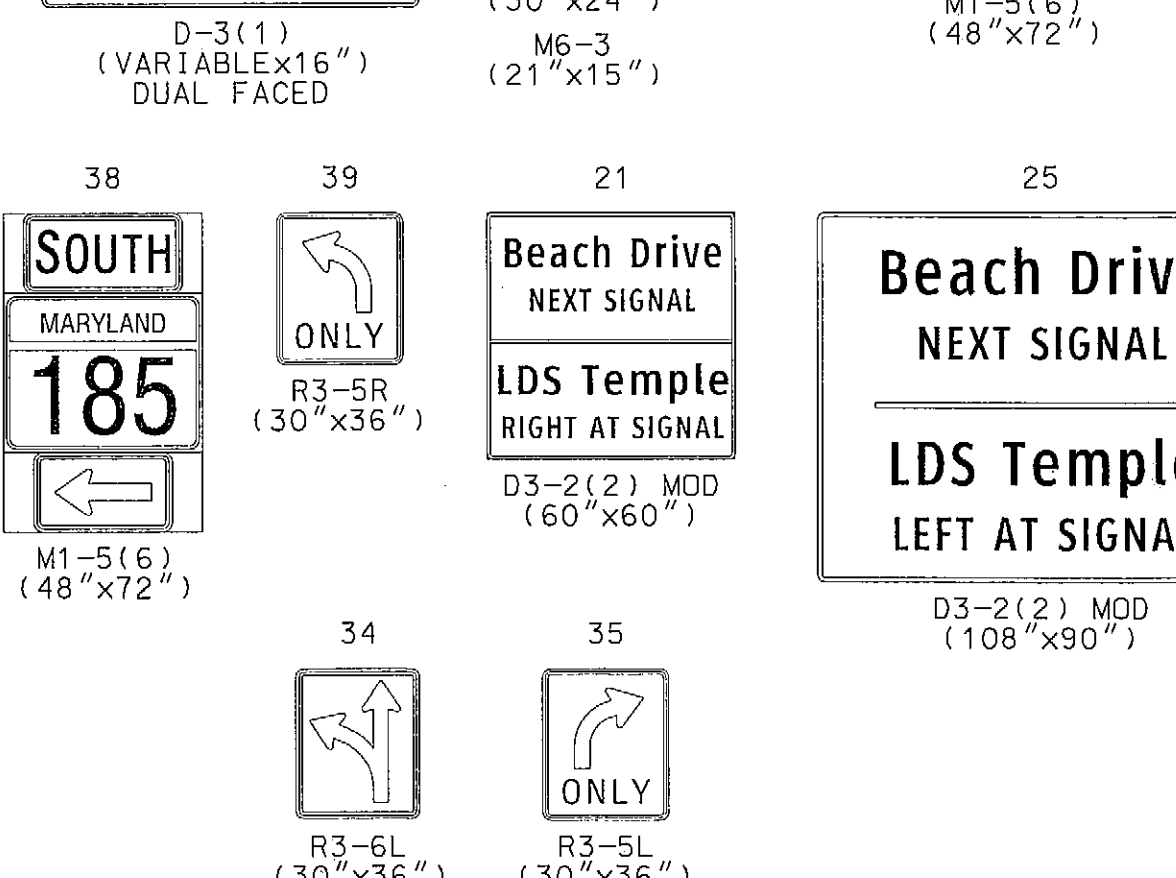
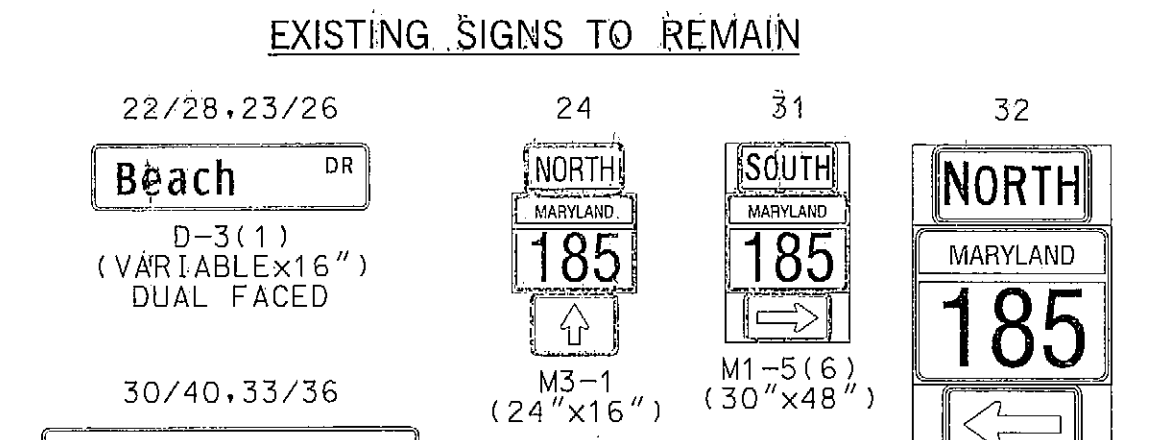
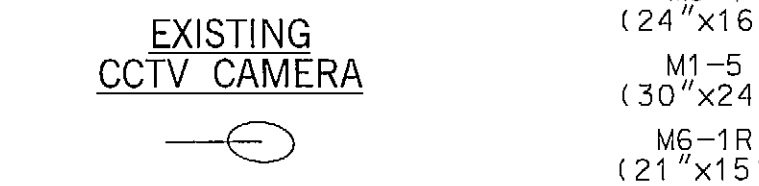
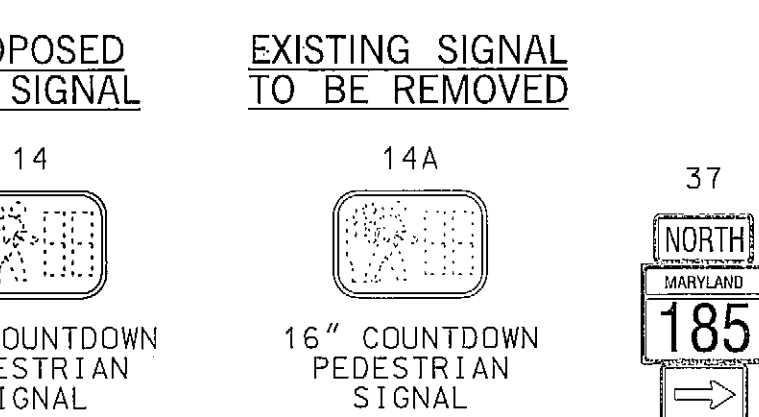
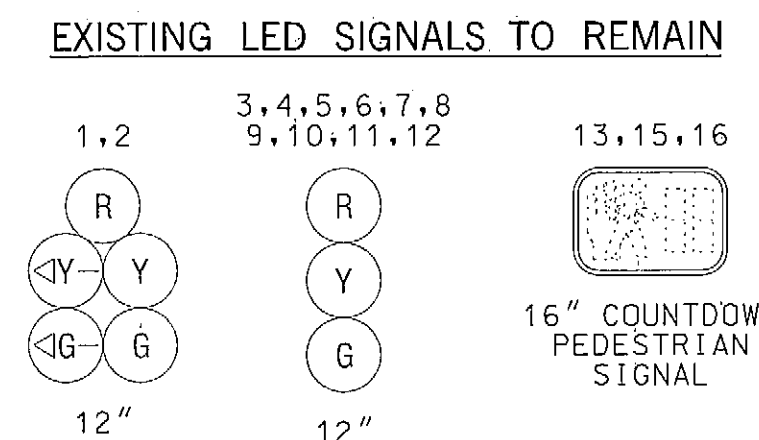


MD 185 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING VIDEO DETECTION CAMERAS

EXISTING VIDEO DETECTION ZONE

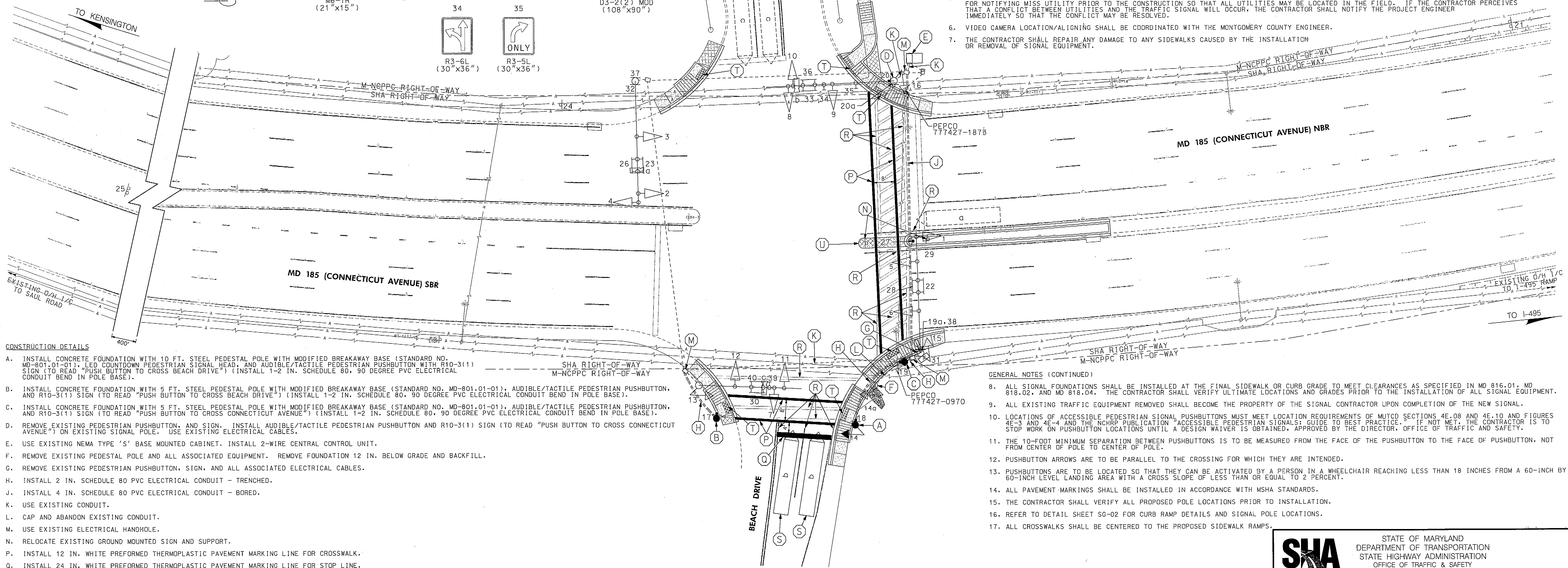
PROPOSED VIDEO DETECTION ZONE



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

- GENERAL NOTES**
- THE CONTRACTOR SHALL INTEGRATE PROPOSED/EXISTING CONCRETE FOUNDATIONS WITHIN NEW CURB/SIDEWALK RAMP WHEN NECESSARY.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS, PROPERLY LABELING EACH CABLE, AND REMOVING AND DISPOSING OF ALL UNUSED CABLE. THE MONTGOMERY COUNTY SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
 - THE CONTRACTOR SHALL NOTIFY MR. KAMUL HAMUD AND 72 HOURS IN ADVANCE OF INTENDED WORK.
 - THE CONTRACTOR SHALL DELIVER APS PUSHBUTTONS AND THE CENTRAL CONTROL UNIT TO THE MONTGOMERY COUNTY TECHNICAL CENTER, 1283 SEVEN LOCKS ROAD, ROCKVILLE, MD 20854 AT LEAST 3 WEEKS PRIOR TO THE BEGINNING OF WORK. THE CONTRACTOR SHALL ALSO HAVE THE APS MESSAGES PROGRAMMED FROM THE FACTORY AND DELIVER THE APS WAVE FILES TO MONTGOMERY COUNTY TECHNICAL CENTER.
 - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
 - VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE MONTGOMERY COUNTY ENGINEER.
 - THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO ANY SIDEWALKS CAUSED BY THE INSTALLATION OR REMOVAL OF SIGNAL EQUIPMENT.

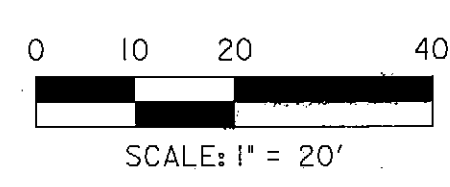
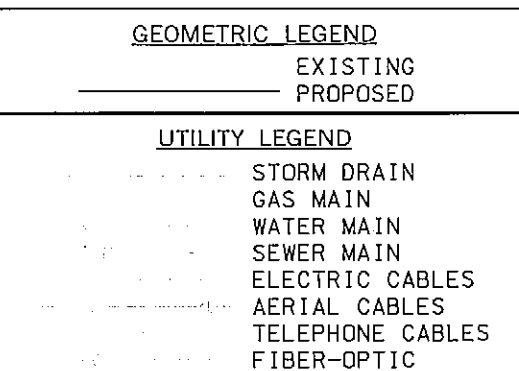


- CONSTRUCTION DETAILS**
- INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01), LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON WITH R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS BEACH DRIVE") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
 - INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01), AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS BEACH DRIVE") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
 - INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01), AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS CONNECTICUT AVENUE") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
 - REMOVE EXISTING PEDESTRIAN PUSHBUTTON, AND SIGN. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS CONNECTICUT AVENUE") ON EXISTING SIGNAL POLE. USE EXISTING ELECTRICAL CABLES.
 - USE EXISTING NEMA TYPE 'S' BASE MOUNTED CABINET. INSTALL 2-WIRE CENTRAL CONTROL UNIT.
 - REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - REMOVE EXISTING PEDESTRIAN PUSHBUTTON, SIGN, AND ALL ASSOCIATED ELECTRICAL CABLES.
 - INSTALL 2 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
 - INSTALL 4 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
 - USE EXISTING CONDUIT.
 - CAP AND ABANDON EXISTING CONDUIT.
 - USE EXISTING ELECTRICAL HANDHOLE.
 - RELOCATE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
 - INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE FOR CROSSWALK.
 - INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE FOR STOP LINE.
 - REMOVE EXISTING PAVEMENT MARKINGS.
 - ADJUST EXISTING VIDEO DETECTION ZONE (TO BE DONE BY MONTGOMERY COUNTY).
 - INSTALL MODIFIED SIDEWALK RAMP (SEE SG-02) AND DETECTABLE WARNING SURFACE (STANDARD NO. MD-655.40).
 - RECONSTRUCT MEDIAN (SEE SG-02).

- GENERAL NOTES (CONTINUED)**
- ALL SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE TO MEET CLEARANCES AS SPECIFIED IN MD 816.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE LOCATIONS AND GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 - ALL EXISTING TRAFFIC EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
 - LOCATIONS OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SECTIONS 4E.08 AND 4E.10 AND FIGURES 4E-3 AND 4E-4 AND THE NCHRP PUBLICATION ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE. IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
 - THE 10-FOOT MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM THE FACE OF THE PUSHBUTTON TO THE FACE OF PUSHBUTTON, NOT FROM CENTER OF POLE TO CENTER OF POLE.
 - PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
 - PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18 INCHES FROM A 60-INCH BY 60-INCH LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2 PERCENT.
 - ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
 - THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
 - REFER TO DETAIL SHEET SG-02 FOR CURB RAMP DETAILS AND SIGNAL POLE LOCATIONS.
 - ALL CROSSWALKS SHALL BE CENTERED TO THE PROPOSED SIDEWALK RAMP.

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(410) 662-7400



APPROVALS	
TEAM LEADER	ASST. DIV. CHIEF
DIVISION CHIEF	OFFICE DIRECTOR

REVISIONS	
B	INSTALL APS, CPS, AND ADA COMPLIANT CURB RAMP
REDLINE 1	RECONSTRUCT SIGNAL

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

**MD 185 (CONNECTICUT AVENUE) AT
BEACH DRIVE
CHEVY CHASE, MARYLAND**

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY _____ MONTGOMERY

DRAWN BY _____ LOG/MILE _____ 15018502.83

CHECKED BY _____ T.I.M.S. NO. _____

F.A.P. NO. _____ T.O.D. NO. _____

T.S. NO. 4366B SG-01 OF SG-03 SHEET NO. 1 OF 3